



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

July 1996 Issue

Home Page : WWW.EASYSTREET.COM/OTVARC

OKEY DOKEY WE TRY IT AS E-MAIL TEXT

Wow! What a lot is going on!! This definitely is the high activity season for OTVARC. SEA-PAC was a great success. Attendance of 2850 was up over last year. Thank You, Thank You, Thank You to all who helped make it a success. Now we start planning for 1997. Let Brad N7NVC (657-1781) or Al WB7SIC (640-5456) know if you have suggestions or want to help next year.

The Rose Festival Grand Floral Parade is also an OTVARC event; even though few know of our involvement. Hams, primarily from Hoodview and OTVARC, are the real eyes and ears of the Parade Director while the parade is on the route from the Memorial Coliseum to the disband area. Barry WB7WTD organizes the Ham contingent. To make sure the necessary Ham equipment gets to the Command Post at the South door of the Coliseum, Barry's car is the only

The Rose Festival Grand Floral Parade is also an OTVARC even...

one allowed to park right behind the Command Post. That really shows how much the Parade Director values the Hams. If you want to help next year, call Barry at 245-8279. Thanks again to all who helped this year.

SPECIAL ELECTION ALERT. Due to family needs, Wes Allen K7WWG has resigned his position as Trustee. At the June OTVARC meeting the following members were nominated to fill the remainder of Wes's term: Bud Butterfield KC7PS, Will Sheffield N7THL and Hanford VanNess KE7BB. I was very pleased with the response when I asked for nominations. A special election will be held at the August OTVARC meeting. **BE THERE AND VOTE.**

Speaking of elections, we need to get a Nominating Committee going for the regular election at the end of the year. We still need a volunteer to chair the Nominating Committee. Several members have volunteered to be on the committee. Call me (245-2518) if you are interested or know someone who may be interested. Remember, if you are on the committee you cannot be nominated!

By the time you read this Field Day will have happened. Right now we are all still planning and packing for the event. I am looking forward to operating in the "wee hours" when everyone else wants to sleep.

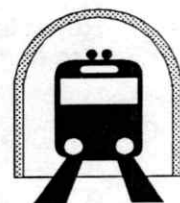
Prez - Cont'd Page 8

July Program - Tri-Met/Light Rail + 800Mhz



I have been informed by VP-Neil (a Real Ham) that the July program will include representatives from Tri-Met who will discuss communications issues. They apparently are going to be utilizing 800Mhz for their frequency platform. As of this writing, Neil has not confirmed the guest speaker but in an e-Mail message, Neil wrote, "He hasn't yet confirmed although it looks good."

Having worked with 800 Mhz commercial communications, I am interested in seeing how they are going to handle the need for reliable wide-area coverage. (How are they going to handle the tunnel under the Zoo? - Passive repeaters? - Leaky Long-wires? - Polling repeaters?) It should be interesting.



If you have ideas for presentations you would like to see scheduled, give Neil a call - 649-4264 or drop him an e-mail note - n.mckie@geni.com. It doesn't have to be "Ham Related" but it could be anything that would be of interest to other members of the club.

Amateur Band Width in Jeopardy...

As most of you have probably heard by now, the United States is preparing for the 1997 ITU World Radiocommunication Conference - WRC-97. In the past, the public has been able to participate in the preparations for such conferences by responding to FCC notices of Inquiry. Due to a change in the process, announced by the FCC in March of this year, Notices of Inquiry have been eliminated in favor of increased emphasis on WRC Advisory Committees.

To assure those who might be concerned about the reduced opportunities for public participation, the FCC has stated, "Interested parties should note that input to the Advisory Committee may be sent at any time...." A pre-press version of this editorial, circulated far and wide by e-mail and packet radio, caused so much input to be generated -- more than 1,000 comments in less than a week -- that the FCC had to modify its procedures to cope with the deluge!

see BAND-WIDTH - page 9



Minutes of Board Meeting 5-22-96

1. Meeting called to order at 7:12 p.m. by President Jim Schaeffer.
2. Those in attendance: Chuck Mickley, Janet Bell, Alan Chinnock, Neil Mckie, Brad Beach, Wes Allen, Al Berg, and Jim Schaeffer.
3. Minutes from the March meeting were approved.
4. Secretary's Report -- We have 169 members in the club.
5. Treasurer's Report -- Report was distributed to the board members.
6. VP Report -- June program will be on Field Day.
7. The Board reluctantly accepted the resignation of Wes Allen from the Board of OTVARC.
8. Repeater Report -- The 440.350 repeater is having problems with the antenna feed system. The 146.900 repeater is down with a bad PA deck.
9. Old Business --
 - A. It was suggested that the 501c3 project be passed on to Stan Griffiths.
 - B. A possible option for the scholarship program is the Multnomah County ESD. Suggested that this be referred to the scholarship committee.
 - C. The next contest will be Wednesday May 29, 1996.
10. The Travellers will be providing Hot Dogs Friday night of Field Day and dinner Saturday night.
11. The dates for Project Night are June 19, July 17, and August 21. The Antenna Project Night sold 6 antennas. We have parts for another 46. These will be sold at various events.
12. Meeting adjourned 8:27 pm.

Respectfully submitted,
Alan R. Chinnock KB7POR Secretary

Special Election to be held

If you read the minutes of the latest board meeting (above), you saw where Wes Allen - K7WWG has resigned his position as Trustee due to other commitments. According to the club by-laws, we must hold a special election to select someone to serve out the remainder of the term (thru Dec. '96).

At the June meeting, the following members were nominated for the position of Trustee to serve out the term of K7WWG:

Hanford VanNess - KE7BB

Bud Butterfield - KC7PS

Will Sheffield - N7THL

As outlined in the club by-laws, elections will be held no less than 30 days following the publication of the nominated candidates. The election will be held at the General Membership meeting - August 14th. Please be at the meeting and make your vote count.

CQ, CQ, CQ..
de KB7ADH/QRP*



Quite Rotten Pounding

Our President trying out a new mode at
Field Day '96.....

UPCOMING PUBLIC SERVICE EVENTS

By Chuck & Betty Mickley

There are several public service events where we currently need ham radio operators. The only requirements are the desire to help, your operator's license, and a 2M radio. Here's a great opportunity if you have never participated in such an event before. Two of these events are walks in Portland, and one is an inaugural bike tour in the Mt. Hood area. Radio operators are needed to communicate the progress of participants along the route; to request assistance for tired or injured participants (many of whom have Diabetes); to help facilitate the movement of supplies from one place to another along the route as needed.

The first event is the **SUMMIT TO SURF** bike tour, sponsored by the American Diabetes Association, starting at Welches or Government Camp (rider's choice), and ending in Hood River. This event will be on Saturday, **August 10th**, and is a first-time event.

The second event is **WALK FOR THE CURE**, sponsored by the Juvenile Diabetes Foundation, on Sunday, **September 15th**.

The third event is the **WALKTOBERFEST**, sponsored by the American Diabetes Association, on Saturday, **October 5th**.

The 2 walks will have most radio operators located at selected positions along the route, or in designated support vehicles for mobile operation. A hand-held with adequate batteries for 4-6 hours of operation will be necessary for route locations. Support vehicle operators will need either a hand-held or mobile radio with operator-supplied batteries, or the ability to tap the support vehicle battery, and a Mag-mount antenna. On the bike tour, most operators will operate mobile (in designated support vehicles), with the equipment requirements as noted above, and the ability to operate up to 8 hours.

If you are willing to help on any of these events, please contact Chuck or Betty at 642-1284. Your help will be greatly appreciated by all event participants and organizers.

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PROJECT NITE

by Chuck Mickley

The next Project Nites are scheduled for Wednesday, July 17th and Wednesday, August 21st. It will be the time to catch up on your soldering technique, and to select a project for construction. You will want to browse through the kit catalog notebook, available at the club meetings and at Project Nites, to find that kit that you never knew existed, and can't possibly live without!

Sessions are currently scheduled for the small Training Room at the Tualatin Valley Fire & Rescue Headquarters building, located at 20665 SW Blanton, in Aloha, between 198th and 209th, just South of TV Highway, southwest of Intel and east of the fire station located at 209th and Blanton.

All sessions will be from 7PM to 9PM.

If you have any tools or test equipment that you would like to donate to a worthy cause, now is the time to get them to your Project Nite leaders.

Long-time member is now Silent Key

It is with sadness that I announce that a long time member of OTVARC - John Klein - KA7ICV passed away the first part of June after a long illness.

When I first joined OTVARC in 1992, John was the person in charge of club badges and jackets. He was a regular attendee of our general membership meetings though he lived in NE Portland.

John was very active in Public Service and I had worked with him on many special events including the Portland Marathon, Art Quake, and several "Walk-a-thons". John was also worked security at Sea-Pac. He was also responsible for the formation of the "Saturday Night-Owls" net on the Evergreen Intertie.

John had not been very active in the last several years due to failing health but was always there with a good word for everyone he met.

73 John. You will be missed - de N7VZF

KA7ICV - Silent Key - June, 1996

CALENDAR OF UP-COMING EVENTS

1996 Calendar of Interesting Things

Jul 4	Thursday	Fourth of July
Jul 5	Friday	Fifth of July
Jul 19	Saturday	Southern Oregon Coast Hamfest, Coquille, OR
Jul 20**	Sunday	Metro Ham Picnic - Tualatin Community Park
Jul 19-21		Glacier-Waterton Hamfest, East Glacier, MT
Jul 19-21		Travellers Skamokawa, WA Roger & Marvel Noyes
Jul 19-21		NW DX Convention, Portland, OR
Jul 27-28		MS150 Bike Ride
Jul 31	Wednesday	Fifth Wednesday Radio Contest
Aug 2-4	Weekend	WIMU 96, Park City Utah
Aug 3-4		Spokane Hamfest
Aug 10	Saturday	Diabetes Bike Ride (Betty N7REX)
Aug 10	Saturday	Tacoma Electronics Fleamarket
Aug 16-18		Travellers A Fun Place Rick & Joan Schouweiler
Aug 16-18		MS Border to Border Bike Ride
Aug 17	Saturday	Longview Swap Meet
Sep 7-14		Cycle Oregon (Notice of missing board members)
Sep 11	Wednesday	September Meeting - Flea Market
Sep 15	Sunday	Walk for the Cure (Betty N7REX)
Sep 21	Saturday	Portland Ham Fair
Sep 20-22		Travellers Randle, WA Chuck & Betty Mickley
Sep 27-29		Walla Walla Hamfest
Sep 28	Saturday	Fall National Exam Day
Sep 29	Sunday	Fall National Exam Day
Oct 5	Saturday	Diabetes Walktoberfest (Betty N7REX)
Oct 18-20		Travellers Somewhere Bob & Jo Orr
Oct 30	Wednesday	Fifth Wednesday Radio Contest
Nov 15-17		Travellers Depoe Bay Tom & Barb Bailey
Nov 29	Friday	Santa Claus Parade (Jim KB7ADH)
Jun 14-15		SEAPAC 1997

** Metro Ham Picnic in Tualatin at the Tualatin Community Park - See Article Page 5

If you would like an event included in the calendar please call Alan Chinnock KB7POR at 636-2237. If it is in reasonably good taste I will include it.

So my boss says,
"Harry, it's either your radio or your
job...!"

Boy, I wonder how I am going to tell
the wife I lost my job.....



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News From All Over

From our "What's in a Name" Department
"Everybody else knows who Clara is"

Next time you see Lynn Morse, ask him about Clara.

At Wednesday's meeting of the county Legislature's Public Safety and Corrections Committee, Civil Defense Coordinator Mike Sprague was reporting about a number of grants he had managed to secure recently from the Federal Emergency Management Administration.

Much of the money is going to be used to update emergency radio and siren warning systems in the county. He is bringing a lot of federal money to the county to help with this project, but the report was long and contained a lot of figures.

Throughout the report, Sprague kept referring to a local amateur radio organization known by the acronym, KLARA.

After about 15 minutes, Morse, the committee chairman, interrupted Sprague to ask dryly, "Who's Clara?"

"It's the Keuka Lake Amateur Radio Association," Sprague replied.

Lynn cracked an uncharacteristic smile, and said, "Oh, I thought it was a girl you knew."

"He knows a few girls," volunteered Emergency Management Director Don Merring, "But he doesn't know Clara."

Visitors in June

Welcome our May visitor Larry Marshall KC7AOL to OTVARC. No word yet whether he can help with the wired database thing.

Surfing the WEB:

I found the following in the Clark County ARC June 1996 newsletter.

CCARC: <http://www.worldaccess.com/NonProfitOrganizations/ccamateur>

Others to check out;

US Amateur Radio Callsign Lookup (Updated Daily)

<http://www.ualr.edu/doc/hamualr/callsign.html>

Amateur Radio Space Program

<http://network.n8fow.ampr.org/space.html>

Packet Radio Page

<http://www.tapr.org/tapr/html/pkthome.html>

WWV Figures

<http://www.clinet.fi/~jukka/wwv25.html>

ARRL Home Page

<http://www.arrl.org>

Pacific Division ARRL

<http://www.portal.com/%7Epdarrrl/index.html>

Metro Ham Picnic - July 20th

An open invitation is out to all hams in the area to come to Tualatin on Saturday, July 20, for this year's Metro-Ham picnic in Oak Park, located just north of downtown.

The event is put together by several clubs in Washington and Multnomah counties, with the hope that other clubs in the area will join them for a day of fun.

Bunny hunting will probably be part of the day's activities which run from 11:00 am to 8:00 pm. More details later.

The Brits have no sense of humor!

(A snippet spotted in Pilot Magazine and entered in Bike Magazine. - The article was entitled "In a hurry are we, sir?" - (British Police Wit)

Two members of the Lothian and Borders traffic police were out on the Berwickshire moors with a radar gun recently, happily engaged in apprehending speeding motorists, when their equipment suddenly locked up completely with an unexpected reading of well over 300 mph. The mystery was explained seconds later as a low flying Harrier hurtled over their heads. The boys in blue, upset at the damage to their radar gun, put in a complaint to the RAF, but were somewhat chastened when the RAF pointed out that the damage might well have been more severe. The Harrier's target-seeker had locked on to the 'enemy' radar and triggered an automatic retaliatory air-to-surface missile attack. Luckily (?) the Harrier was operating unarmed. Gee Officer, sorry about your patrol car.....

(Reprinted from TEARS Newsletter - Vol XIV, Ed II)

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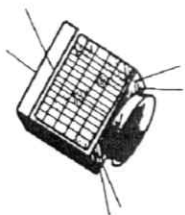
Dale Wert

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180 So. Main (#C)

Banks, Oregon 97106

From: Satellite Station - W7KJZ



* AMRAD-OSCAR-27 NEWS *

As of 27-May-96 at 17:00 UTC, AO-27's transmitter schedule is as follows:
20 minutes after entering the sun, the transmitter turns on at normal power 18 minutes after turn on, it shuts off. (38 minutes after entering the sun)

TEPR STATE 4 = 20 minutes, 40 Units

TEPR STATE 5 = 18 minutes, 76 Units

To clear up any misunderstanding, the Amateur transmitter on board EYESAT-1 known as AMRAD-OSCAR-27 CAN and DOES from time to time run off batteries. The reason for an 18 minute window over latitudes equal to most of the U.S. is a limited power budget for the Amateur payload. EYESAT-1 runs experiments for Interferometrics, Inc. in Chantilly, Va. There is not enough power left over to run the Amateur transmitter full time.

Occasionally when AO-27 control operator Michael Wyrick, N4USI, has the chance to work AO-27 during night time passes, he will turn the experiments off and turn the Amateur payload on. This is why ground stations can hear and work it at night, mostly during weekends.

On Feb-96, Mr. Wyrick had a skydiving accident that resulted in a broken pelvis in six places. This kept him from changing the TEPR (schedule) for several months. With the sun's movement during the summer, TEPR schedules need to be uploaded every few weeks to keep the Amateur transmitter turning on for all of the pass for stations at mid US latitudes. Michael is happy to report that with the help of fellow amateurs, he now has a working control station located at his home. This now allows him to upload schedules when needed.

AO-27 is a secondary payload on-board EYESAT-1, and demands on system resources need to go the primary payload.

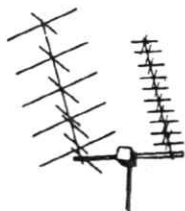
Jeff, KO6RD in Merced, California reports working N7SFI in Utah last Thursday who was making satellite contacts through AO-27 while standing in a parking lot with a dual band HT. Many others have been able to work AO-27 without receive preamplifiers or high gain antennas. Stations have also been known to work this satellite from their automobiles, and slow scan television contacts have been attempted.

AO-27 accepts FM up-links on 145.850 MHz, and down-links on 436.800 MHz.



Ariane 5 Crash

Early in June the Ariane 501 test rocket crashed shortly after take off. The Phase IIID satellite was to fly on Ariane IIID launch schedule. The to use the newer Ariane 5.



502. It is not known at this point how this crash effects the Phase AMSAT contract calls for a Ariane 4 launch if it is not possible

SAFEX II on Mir

The following are the SAFEX II equipment located

	Mode 1 repeater	Mode 2 packet	Mode 3 QSO
Downlink	437.950 MHz	437.975	437.925
Uplink	435.750 MHz	435.775	435.725
CTCSS	YES	NO	YES
Speed	-	9600 baud	-

Mode 1: Repeater - like a standard FM repeater with CTCSS.

Mode 2: 9600 Baud (G3RUH compatible) Packet Operation.

Mode 3: QSO possibility with MIR Crew, but CTCSS is used.

The first activation of SAFEX-II in Mode 1 (FM Repeater) was scheduled for 01-Jun-96. The CTCSS tones required for these modes will published at a later date after equipment testing is complete.

73 de Dick - W7KJZ @W0RLI.#NWOR.OR.USA.NOAM.ZIP97219

As I said last month, it is not too early to start thinking about helping the club by running for an elected position. Depending on your interests we have several options for you to try out for. Last month we discussed the two big ones, President and Vice-President. This month we will cover the remaining three, Secretary, Treasurer, and Trustee.

The Secretary, according to the Constitution:

The Secretary shall keep a record of the proceedings of all meetings, carry on all correspondence, read communications at each board meeting, and mail written notices to each member when necessary. He/she shall perform such other duties as the laws and rules of the organization may require and also such duties as may be designated by the President.

Here is a job I know about, now that I have been into it for a year and a half. The activities listed in the Constitution are pretty easy. The meeting minutes are pretty simple, we don't do all that much in the meetings. The big job for the Secretary is keeping the roster updated and printing out the mailing labels for the newsletter. With the help of a computer this is not much either. The rest of the correspondence takes a little time. That's about the whole picture.

The job description for the Treasurer:

The Treasurer shall receive from members all funds and dues and keep an account of the same in books provided for that purpose; shall give a report on the same at each business meeting; shall notify all delinquent members of the amount due from them for dues and special assessments; shall notify the members and officers of all delinquencies. He/she shall perform such other duties as the laws and rules of the organization may require and also such duties as may be designated by the President.

This must be the fun job, you get to play with the money. Never mind that the money is not yours. About all you need for this job is honesty and the ability to balance the check book. Of course the part of the job where you have to collect the bad debts could be interesting too.

And last but not least, the Trustees:

The Trustee shall be a member in good standing elected by the general membership. Their number can and may vary; but not to exceed five (5). They shall hold the club's Amateur Radio License, if any. All shall hold title to property, real, personal or mixed which the corporation may acquire.

Here is the easy opportunity to become an elected official. There are up to five opportunities to get elected here. Of course not all the positions are up for election each year, so you may need to have some patience. The Constitution lists some of the responsibilities, but the Trustees also have the chance to take on other responsibilities that the board thinks needs an owner. Holding title to all the club toys can't be all bad.

Well, there they are, all the elected positions in the club. Which one looks interesting to you. When you decide, call the Nominating Committee and volunteer. Help the Nominating Committee have an easy job this year.

Editor's Notes:

Remember that the deadline for articles is the 15th of each month. If you have articles, stories, quips, etc. that you would like to have included, please send them to me either via e-mail - billm@datacomm.com packet: N7VZF@K7IQI.#NWOR.OR.USA.NOAM Voice - (503) 644-1974

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Carl, WS7L, has done a great job of putting together another great Field Day. If you have any good Field Day stories or happenings, pass them on to me or the editor. I hope to have some stories and results for my August column.

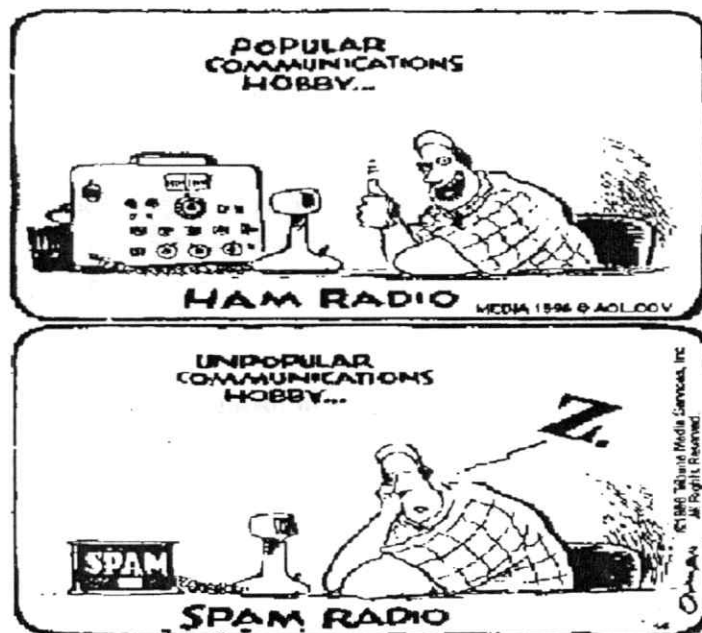
There is one SEA-PAC story I should relate (to get even for the IDH for AD story). At SEA-PAC there was an "almost winner" for one of the grand prizes. But, when the prize committee drew the ticket, they noticed that it was an "early bird" ticket which had been put in the "regular" ticket drum. So, they disallowed the ticket and drew again. This proves two things:

- 1) It doesn't matter who you are; the rules apply to everyone and
- 2) Our ARRL Section Manager KZ7T (I didn't mention any names) needs new bifocals. Oh well he still won a handheld in the regular drawing anyway.

The results of the May 5th Wednesday 2 meter simplex contest will be announced at the July OTVARC meeting. Don't forget the next 5th Wednesday 2 meter simplex contest is July 24. Handhelds work great for this. So, everyone try to participate; even if you can only be on for a few minutes. A new station late in the hour usually generates a pile-up! Where else can you be a "rare one" with your handheld?

My phone isn't ringing with nasty calls and I am not getting any hate mail, so I must be getting a passing grade as your OTVARC President. Seriously, all your comments and suggestions are appreciated. Keep them coming. See you on the air or at the next OTVARC meeting.

AAAAAAAAdh



The Top 20 Cool Things About a Car that Goes Faster than the Speed of Light



- 20> Sleep 'til noon. Still get to work by 8:00am!
 - 19> Doppler shift makes red traffic lights look green.
 - 18> Breaking laws of physics only a misdemeanor in most states.
 - 17> Never in car long enough to hear an entire Madonna song.
 - 16> Carl Sagan and Stephen Hawking keep bugging you to carpool.
 - 15> No one can see you pick your nose while you drive.
 - 14> Lunch breaks in Paris, circa 1792.
 - 13> LA to Vegas in 2 nanoseconds.
 - 12> You can stop worrying about being sucked into a black hole driving home from work.
 - 11> You'll be so thin while driving it you can even wear horizontal stripes.
 - 10> That deer in your headlights is actually behind you.
 - 9> Kid from Mentos commercial almost guaranteed to lose a limb if he tries to duck through back seat.
 - 8> Traffic enforcement limited to cops with PhD's in Quantum Physics.
 - 7> Bugs never see you comin'.
 - 6> You can get to the good hookers before Charlie Sheen.
 - 5> Can make a fortune delivering pizza with the slogan "It's there before you order or it's free!"
 - 4> Car makes it from Hollywood to London fast enough to not arouse suspicions of Elizabeth Hurley.
 - 3> License plate: "Me=3Dmc2"
 - 2> Cigarette butts don't land in the backseat -- they land in last week!
- The Number 1 Cool Thing About a Car that Goes Faster than the Speed of Light...
- 1> Chicks dig it!

Equipment Wanted

Wanted: Icom 229 or 229H2 meter Transceiver. Old Ham needs to equip XYL's vehicle and needs "familiar" gear (sneaking up on Alzheimers Lite!)

Give me a call if you have one of these laying around looking for a good home.

Roger Noyes - KA7RNN
(503) 292-3261

One of the WRC-97 agenda items includes consideration of possible additional frequency allocations for the mobile-satellite service. So-called "Little LEOs," low-earth orbit satellites below 1 GHz, already have allocations. Their proponents claim these are inadequate and are trying for more. The needs of little LEOs are being addressed in IWG-2A, chaired by Warren Richards of the Department of State. The ARRL technical relations staff participates in IWG-2A to represent Amateur Radio interests.

At the May IWG-2A meeting, an industry representative presented a list of "Candidate Bands" for little LEO's. The list included a number of bands that would negatively impact existing services, and does not include others that would appear to be technically more feasible but to which strong objection from incumbents could be expected — the point being that some political, rather than purely technical, judgement already has influenced the list. We have asked for, but to date have been given no explanation of why some bands were included and not others.

Incredibly, 144-148 and 420-450 MHz were included on the list! This is the first time in memory that another service has been proposed for the two-meter amateur band. We must make sure it is also the last time.

We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide the backbone of our local public service communications effort. Voice and data, mobile and fixed, even television — the list of present amateur uses is a long one, and of future uses is even longer. Both are already used for satellite services and for moonbounce and extended-range terrestrial operations requiring extremely sensitive receivers and high levels of effective radiated power. Apparently we did need to explain all this to the little LEO industry representatives, so we did just that — both at the meeting and in a follow-up letter on May 15. We also explained that we had to regard the matter as extremely serious. No one with the slightest background in radiocommunications could possibly believe that a mobile-satellite service could be introduced into either band without disrupting existing and future amateur operations. Therefore, we said, if we did not receive assurance that they would be taken off the list of candidate bands by the deadline for this issue of QST, we would have no choice but to bring the matter to the attention of the entire membership.....

So, this is a call to action. We must get across to the industry and government participants in IWG-2A that the 144-148 MHz and 420-450 MHz bands cannot be

considered as candidates for mobile-satellite services. We need to drive the point home so forcefully, with so many grassroots responses, that no one is ever tempted to try this again.

Which brings us back to that invitation for "Interested parties" to send input "at any time." There's no time like the present! According to the commission's new procedures, comments by e-mail should be sent to "wrc97@fcc.gov. Written comments, with an original plus one copy, should be sent to: Office of the Secretary, Federal Communications Commission, Washington D.C. 20554. Each comment should include at the top, "Reference No ISP-96-005" and "Advisory Committee Informal Working Group 2A." FCC staff assures us that comments will be given prompt consideration, and asks that parties refrain from filing comments in accordance with previous instructions (Sending Fax's, e-mail, US Snail traffic directly to members of the Advisory committee, etc.).

Do comment. But be civil. Don't abuse people who are simply doing their jobs. We have to get across that casting covetous eyes on amateur bands is counterproductive, and contrary to the public interest. To accomplish this we need a lot of comments, including yours. But remember that the objective is to educate and persuade, not to intimidate. We don't need to. The facts are on our side.

For the latest news on this particular issue, check the ARRL Home page at <http://www.ARRL.org> and click on "Band Threat News." Then write - Right now....

For additional information, contact Cecily C. Holiday, Federal Office of the WRC-97 Advisory Committee, or Damon C. Ladson, Alternate Federal Officer at (202) 418-0749, or Consult the WRC-97 Homepage on the Internet - (<http://www.fcc.gov/ib/wrc97/>).

Excerpts of e-mail sent from Dave Sumner - K1ZZS, Executive VP of ARRL



OTVARC Travellers Next Trip:
Jul 19-21 -Skamokawa, WA
Contact: Roger & Marvel Noyes (503) 292-3261

HamFests, Conventions, Swap Meets:

Friday July 19th thru Sunday July 21st

Willamette Valley DX Club Inc is holding their Pacific NW DX Convention at the Monarch Hotel - 12566 SE 93rd Ave - Clackamas, OR 97015. Programs planned include Technial Subjects, DXCC Forum, Contesting and PC Technology. On-Hand will be Bill Moore, NC1L, DXCC Rep. There will be DXCC Card Checking and the 7th District QSL Bureau. For more information, contact Ron Hylton, AD7L - 503-538-7554 or e-mail AD7L@AOL.COM

August 3-4, 1996

The Amateur Radio Clubs of Spokane Area are hosting their "Original Spokane Hamfest" at the University High School - 10212 E. 9th Ave - Spokane, WA. This hamfest is sponsored by KABRA, NW Tri-State ARO, Spokane Radio Amateurs, Inland Empire Radio Amateurs and PHARC and is endorsed by 6 other clubs in the area. Talk-in frequencies are 146.52 (simplex), 147.38+ and 223.90-. For more information call - (509) 928-1808 or (509) 448-8445 (voice) or (509) 921-6912 FAX.

Saturday, August 10, 1996

The Radio Club of Tacoma, W7DK presents the Tacoma Electronics Fleamarket at the Charles Wright Academy - 7723 Chambers Creek Rd West - Tacoma WA. Doors open at 9 AM and the event runs till 3 PM. Admission is \$4 with children 12 and under are Free. Talk-in frequency is 147.28+. For more info contact Alan Hughes at (206) 840-4947 or (206) 596-7472(pager).

Saturday, August 17, 1996

Lower Columbia Amateur Radio Association - Longview WA is holding its 5th Annual Ham Radio, Computer, & Electronic Equipment Swap Meet. The event is being held at the Cowlitz County Fairgrounds in Longview. Admission is \$3. 100 tables are available as well as tailgate sales area outside. Talk-in frequency is 147.26+. For more info call (360) 425-6076, (360) 425-9184 or (360) 425-1866. e-Mail inquiries can be addressed to KB7ADO@aol.com.

Saturday, September 21, 1996

Last Fall's first Portland Hamfair was a great success, according to Ed Clulow, W7TWL, of the Hoodview ARC. So the club has reserved the Pay 'N' Pak Collectors Market building for the second one to be held from 9-5. Grand prize is a Kenwood VHF mobile. The building is the site of many swap meets and has lots of room. Parking is somewhat limited in the Delta Park neighborhood, but there is a fairly good size lot. Early registration deadline is August 17 for an extra prize ticket Preregistration deadline is September 14.

Saturday, October 26, 1996

Mid-Valley ARES proudly presents its 2nd annual **SWAP-TOBERFEST** ARES/RACES convention. The event is scheduled to be held at the Polk County Fairgrounds - West of Salem where Hwy 22 meets 99W. Grand Prize is a VHF HT with a \$100 gift certificate for accessories. This is touted as "A Convention with the Emergency Communicator in mind....". Planned displays include the Oregon State Police Communications Van, the Marion and Polk County Emergency Communications Van, Red Cross and the Civil Air Patrol...[provided vehicles are not actively working an incident]... VE Testing will be available. Contact Evan - N7IFJ - (503) 585-5924. For VE testing pre-registartion contact Sandy - N7TQQ - (503) 588-7685.

Saturday November 9th, 1996

Mount Baker Amateur Radio Club will be holdind their Seventh Annual BellingHAM RADIO FLEAMARKET at the Ferndale Band Booster Bingo Hall - NW corner of I-5 and Smith Road Overpass, Ferndale WA. Admission will be \$3 at the door. The fleamarket will feature Ham Dealers, Country Store, Computers, Club & Repeater info, snack bar and VE Exams. Information is available by contacting Al - K7IEY - (360) 354-4622 or Terry VE7BUS/W7 - (360) 354-5868. Talk-in Freq will be 146.74-.

There you have it. Support local economy - Make them all and spend lots of money....

OTVARC Club Contacts

OTVARC Executive Board

President	Jim Schaeffer	KB7ADH	245-2518
Vice President	Neil McKie	WA6KLA	649-4264
Secretary	Alan Chinnock	KB7POR	636-2237
Treasurer	Brad Beach	N7NVC	657-1781
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Stan Griffiths	W7NI	649-0837

Other Club Contacts

ARRL Coordinator			
Bunny Hunting			
Contesting			
DX News	Rich Jones	KG7FS	645-9417
Equipment Evaluation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services			
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	Mary Berg	N7TRW	640-5456
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Bill Merwin	N7VZF	644-1974
Newsletter Layout	Bill Merwin	N7VZF	644-1974
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	KI7CL	642-1284
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI			
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
	Randy Stimson	KZ7T	297-1175
Technical			
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)			
Training(Novice/Tech)			
Training(Upgrade)			
VHF/UHF	Alan Chinnock	KB7POR	636-2237

• Buy • Sell • Trade

HAM RADIO EQUIPMENT

JOSEPH REAVES
N6FRA

13815-C SW Pacific Hwy.
Tigard, Oregon 97223

(503) 5998-4736
Estate Appraisals

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

Internet Home Page : WWW.EASYSTREET.COM/OTVARC



W7OTV

OUR CLUBS NEW (old) CALL

PRETTY NIFTY HUH???

OTVARC

OREGON TUALATIN VALLEY A.R.C.
PO Box 5132
ALOHA, OR 97006-0132

ADDRESS CORRECTION REQUESTED

 WB781G
2200 S.E. Oak Crest
Hillsboro OR 97123